

## **Product Data Sheet**

## hsa-miR-3685 miRNA Inhibitor

| Catalog #      | Source    | Reactivity               | Applications  |  |  |  |
|----------------|-----------|--------------------------|---|--|--|--|
| CIH1160        | Synthetic | Н                        |   |  |  |  |
| Description    | Syn       | thetic miRNA inhibito    | rs are used to inhibit hsa-miR-3685 by transfaction.      |  |  |  |
| Specificity    | miR       | NA Inhibitors are che    | mically synthesized, complementary, antisense             |  |  |  |
|                | sing      | gle-stranded oligonucl   | eotides to their target, endogenous mature miRNA. It      |  |  |  |
|                | effe      | ectively prevents the t  | arget miRNA to bind to normal cellular binding sites.     |  |  |  |
|                | Trai      | nsfection of inhibitors  | followed by downstream gene expression analysis or        |  |  |  |
|                | phe       | enotypic analysis, is pe | rformed to elucidate the targets and roles of particular  |  |  |  |
|                | miR       | NAs.                     |   |  |  |  |
| Form           | Lyo       | philized powder          |   |  |  |  |
| Gene Symbol    | hsa       | hsa-miR-3685             |   |  |  |  |
| Accession No.  | MIN       | MIMAT0018113             |   |  |  |  |
| Components     | This      | s synthetic miRNA is b   | ased on the mature miRNA sequence. It does not contain    |  |  |  |
|                | the       | full precursor miRNA     | stem-loop.  |  |  |  |
| Directions for | Use We    | recommend re-suspe       | nding the lyophilized synthetic miRNA using DNase and     |  |  |  |
|                | RNa       | ase-free ddH2O. To ma    | ake a 100 uM stock, dissolve the lyophilized powder using |  |  |  |
|                | 100       | ) ul of ddH2O.           |   |  |  |  |
| Storage/Stabi  | lity Ship | pped at 4 °C. Store at   | 20 °C for one year. Avoid freeze-thaw cycles after        |  |  |  |
|                | reco      | onstitution.             |   |  |  |  |

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC-Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb-Rabbit, S- Sheep, Z- Zebrafish

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